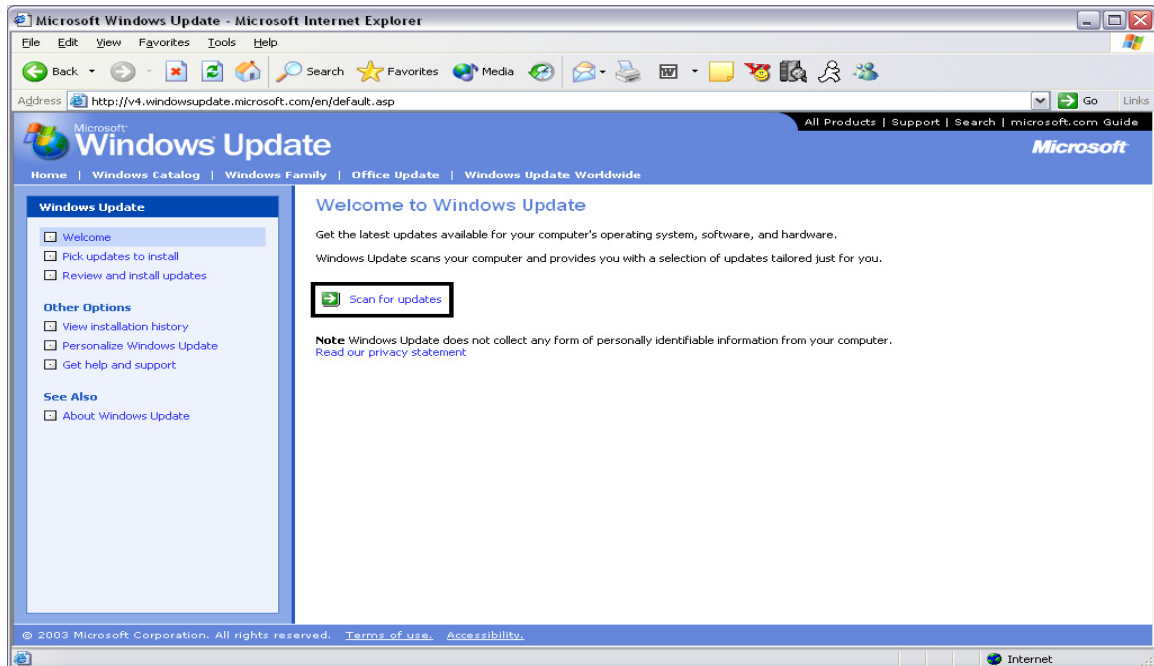# Configuring Linksys BEFW11S4 Wireless Access Point Router with 4-Port Switch with Windows XP Operating System

Section 1. Updating Windows XP

1. Make sure your Windows XP Operating System has the latest patches applied. Go to http://v4.windowsupdate.microsoft.com/en/default.asp and press scan for updates button.

2. After this is done, you will be asked to select updates for download.
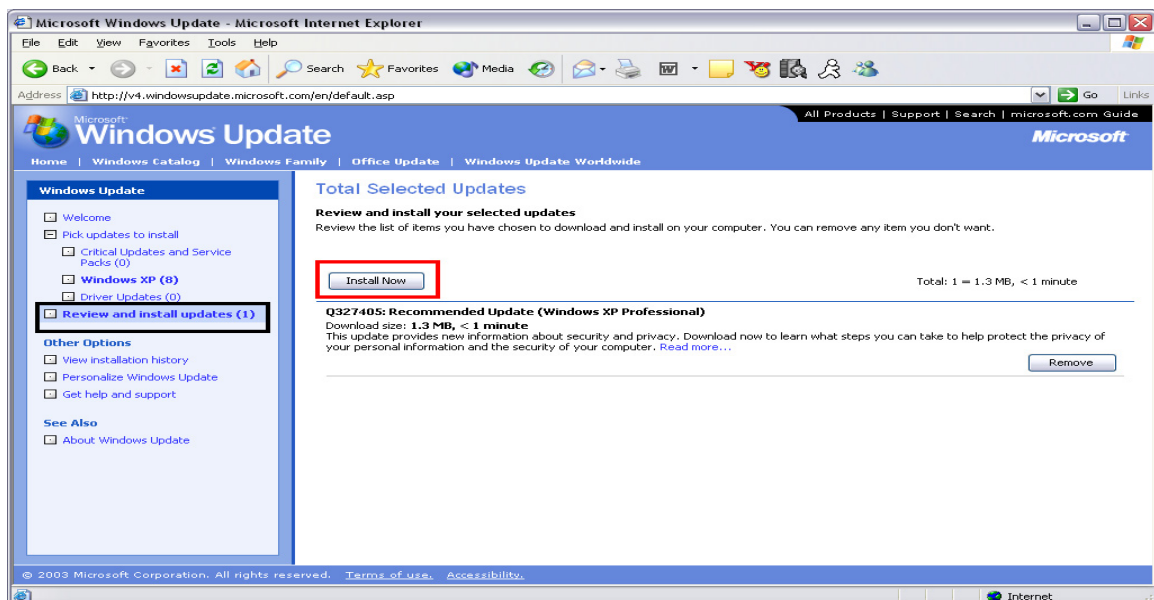
3. Left click on Review and install updates.
4. Left Click Install Now.
5. Read through and Accept Microsoft End User License Agreement (EULA). Download will start and update your Windows XP Operating System with Critical Updates and Service Packs.
6. After the Update is completed, a restart prompt will appear. Select Yes to restart your computer.

## Section 2. Connecting the Router

1. Power off Cable or DSL Modem, the computer, and the router.
2. If there is an Ethernet cable from the Cable or DSL Modem to your computer unplug it from the computer and plug it in to WAN port of the Linksys Router.
3. Take the Ethernet cable (usually blue) that was provided in the Linksys Box and plug it into the Ethernet Port numbered 1 on the router, and the other end of the cable into the computer.

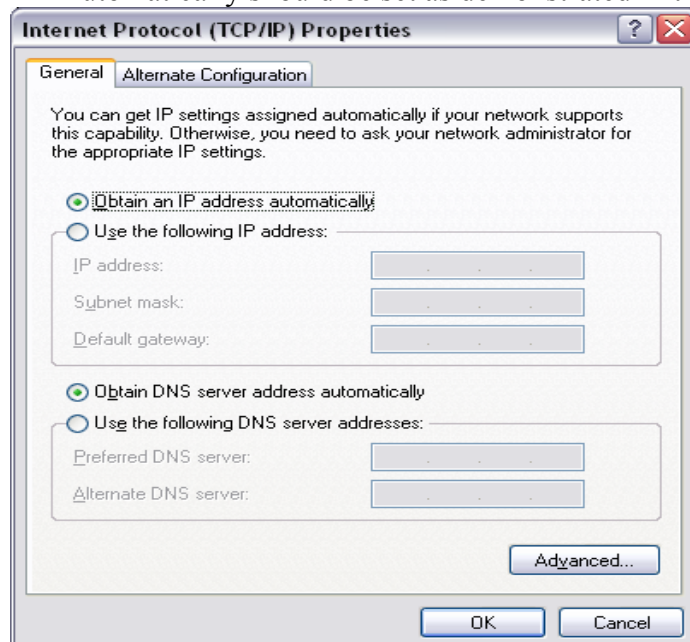## Section 3. Configuring the PC

1. Power on your PC.
2. Make sure your DHCP is turned on. Click on Start->Settings-> Network Connections. This will bring up Network Connections Window illustrated on the next page.
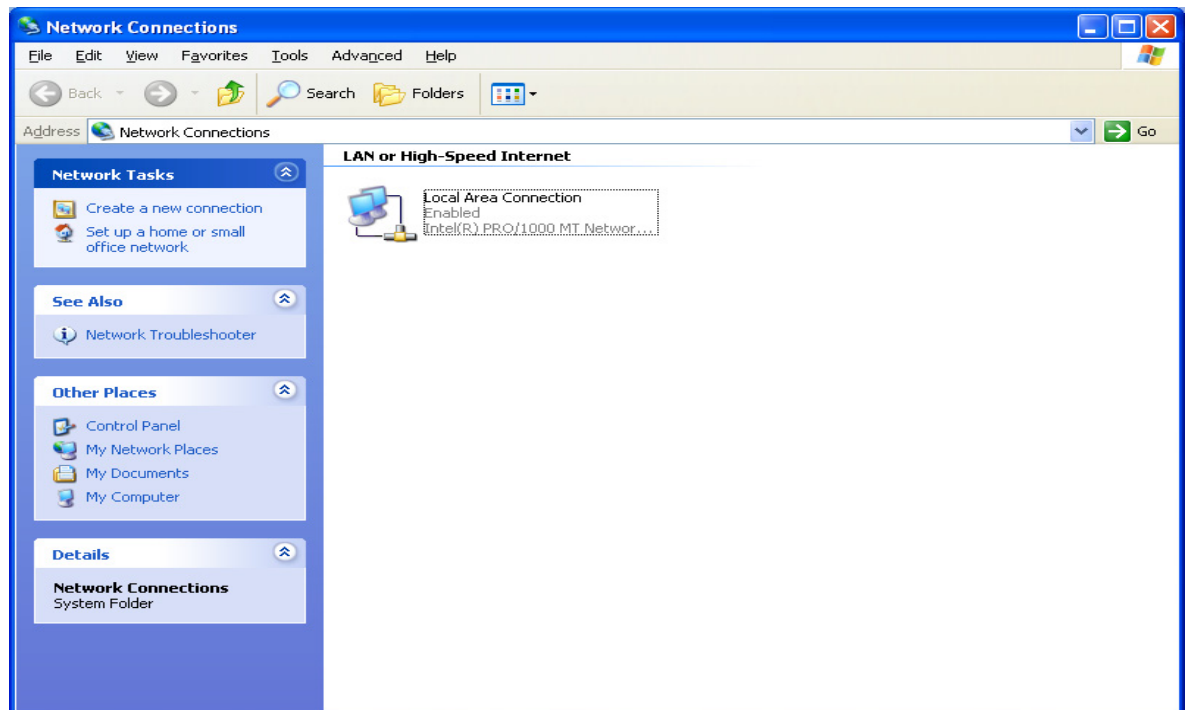
3. Right Click on Local Area Connection and Left Click on Properties. This action will bring up the Local Area Connection Properties Window.
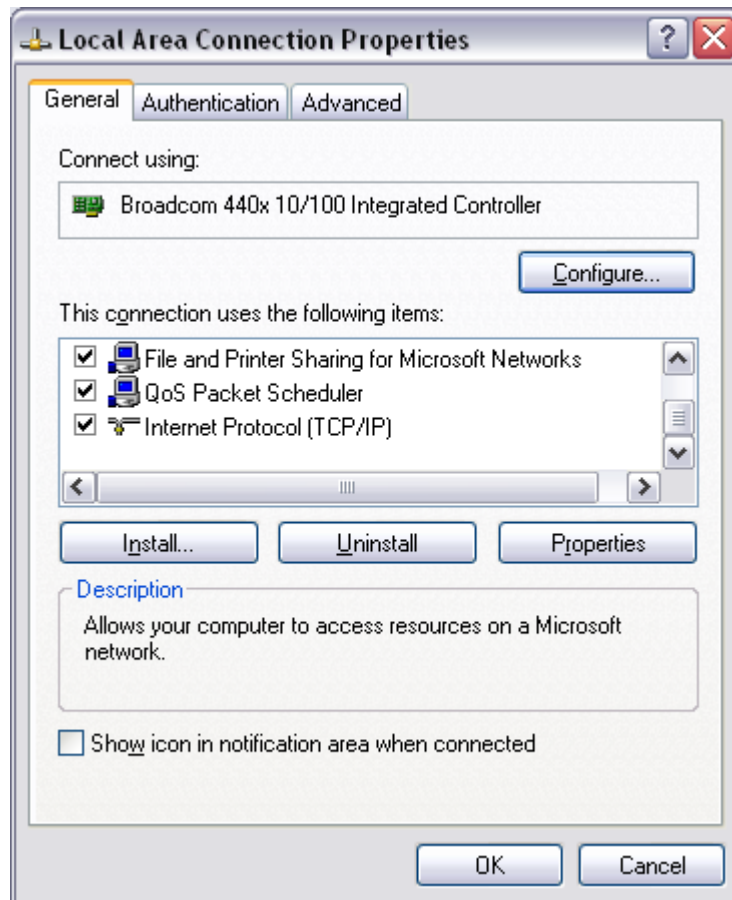
4. Left Click on Internet Protocol (TCP/IP), it will become highlighted. Left Click on Properties.

5. The bullets Obtain IP Address Automatically and Obtain DNS server Automatically should be set as demonstrated in the picture.

6. Click OK twice, and close Network Connections Window.

Section 4. Configuring the Router

1. Plug in the Power supply into the router.
2. Open Internet Explorer and Login into your router. In order to do this you will
    have to type in http://192.168.1.1 in the Address Bar of the Internet Explorer

Address http://192.168.1.1
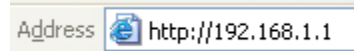
This will open an interface to the Linksys Router.
3. The login window will appear, prompting you for username and password

Leave the user name blank, and type "admin" (without quotes) for the password. If
this does not work, press the reset button on the back of the router and repeat step 2.
4. The Setup Tab of the Router Configuration Menu will appear.

Step One. Call your Internet Service Provider and ask them if Host Name and the Domain Name of the Router need to be configured. If technical support will ask you to fill these fields, please do so, otherwise leave them blank. Please refer to the last page of the most common broadband ISP's.

Step Two. In order to enable wireless connectivity, the Enable button should be selected.

Step Three. The Standard SSID will be "linksys". Please change it to something else. The SSID is changed to "change_this" in the previous picture.

Step Four. SSID Broadcast should be Enabled only until the Wireless clients authenticated with the router. If you are able to browse the internet with the wireless client, turn SSID Broadcast to disable.

Step Five. Set WEP bullet to Mandatory. This will force the router to use WEP.

Step Six. Click on the WEP Key Setting Button.

WEP Key Setting - Microsoft Internet Explorer

To create a new WEP key, either enter a passphrase and press the generate button, or enter the key elements into the table below.

128Bit

Passphrase: change_this   Generate

Key: 4C3C3B9238F13D6CF868B8F

Clear

Apply   Undo

Select 128 Bit Encryption from the drop down box.

Type in a passphrase. Try not to use your password to the router.
Click the Generate button. It will generate a 26 character hexadecimal string. This string is the key you will need to input into the client.

Step 7. Left Click Apply button. It will take 8 seconds to reconfigure.

5. Change the login password for the router

Step 1. Left Click the Password Tab
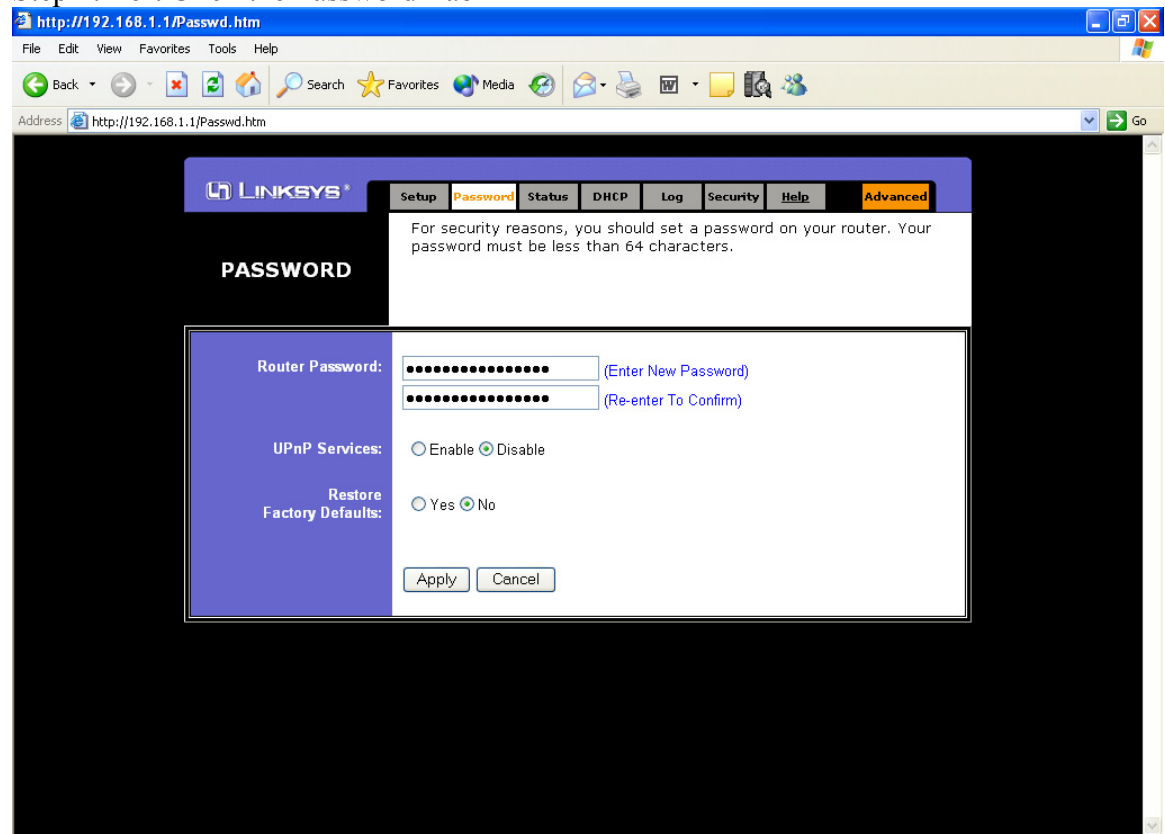
Step 2. Change the password to something other then admin.
Good password contains letters, numbers and special characters like
!,@,#,$,%,^,&,*,(,),_ just to name a few.

Step 3. Hit the Apply button. Router will take eight seconds to reconfigure and then you will be taken to the login screen.

Step 4. Enter the new password, if the router is able to log in successfully the password has been changed.

6. Enable Logging
Step 1. Click on the Log tab
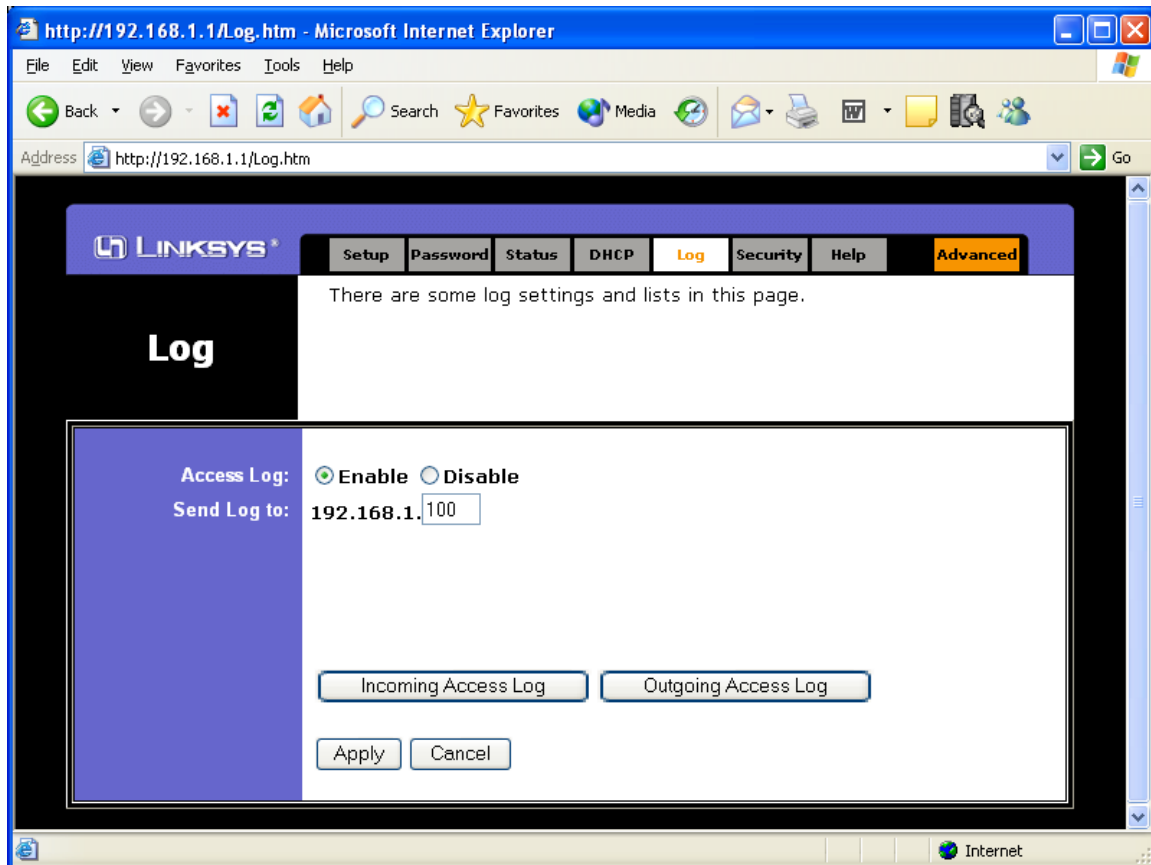
Step 2. Enable Access Log

Step 3. Send Log to: 192.168.1.100 Left Click the apply button.

Close the browser.

Congratulations! You have now configured your new Linksys Router.

Phone numbers of Broadband Technical Support
Comcast Cable   1-800-COMCAST
Verizon DSL   1-1800-567-6789
AOL Broadband   1-800-827-3338
Earthlink DSL   1-800-719-4660